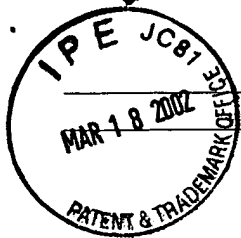


03-19-02

AP
1762



PATENT
ATTORNEY DOCKET NO. 04148-00005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Layrolle et al.) Examiner: Jennifer Kolb
Serial No.: 09/757,344) Art Unit: 1762
Filed: January 9, 2001)
Title: METHOD FOR COATING MEDICAL)
IMPLANTS)

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TC 1700

Assistant Commissioner for Patents
Washington, D.C. 20231

TRANSMITTAL LETTER

In regard to the above identified application, we are transmitting herewith the attached:

1. Amendment and Response to Final Office Action,
2. Version of Amendments with Markings to Show Changes Made,
3. Return postcard.

With respect to additional fees, no additional fee is required. The Commissioner is hereby authorized to charge any additional fees or credit overpayment to Deposit Account No. 19-0733.

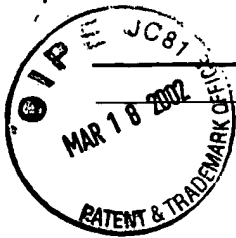
Respectfully submitted,

Dated: March 18, 2002

By [Signature]
John P. Iwanicki, Reg. No. 34,628
BANNER & WITCOFF, LTD.
28 State Street, 28th Floor
Boston, MA 02109
(617) 227-7111

Express Mail receipt no. EL 860961237 US

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PATENT
ATTORNEY DOCKET NO. 04148-00005

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Assistant Commissioner for Patents
Box AF
Washington, D.C. 20231

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AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

This is in response to the final Office Action dated January 17, 2002 (Paper No. 6). Please amend the above-identified application as follows.

In the claims:

27. (Twice Amended) A coated implant comprising an implant and a coating, wherein said coating comprises a deposit of crystals nucleated directly onto the implant from solution with the coating having an average bond strength to the implant of between 40 to 65 Mpa, wherein said coating comprises magnesium ions, calcium ions, and phosphate ions, and wherein said coating induces formation of bone cells from progenitor cells.